

Claims

1. A catalyst carrier comprising:
a ceramic substrate composed mainly of ceramics; and
a pre-coat layer applied on the ceramic substrate,
5 wherein the pre-coat layer comprises titanium oxide
(TiO_2) in an amount of at least 30 mass %.
2. The catalyst carrier according to claim 1, wherein at
least a part of said TiO_2 is rutile type TiO_2 .
3. The catalyst carrier according to claim 2, wherein a
10 ratio of the rutile type TiO_2 to the whole TiO_2 is at least
50 mass %.
4. The catalyst carrier according to any of claims 1 to
3, wherein an amount of the pre-coat layer per unit volume
of the catalyst carrier (amount of the pre-coat layer/volume
15 of the catalyst carrier) is 5 to 200 g/liter.
5. The catalyst carrier according to any of claims 1 to
4, wherein the ceramics is cordierite.
6. The catalyst carrier according to any of claims 1 to
5, wherein the ceramic substrate is a honeycomb structure.
- 20 7. A catalyst body comprising: the catalyst carrier
according to any one of claims 1 to 6; and alkali metal
and/or alkaline earth metal loaded on the catalyst carrier.